



156708

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
230 SOUTH DEARBORN ST.
CHICAGO, ILLINOIS 60604

REPLY TO PRESENTATION OF
5HE-12

JAN 15 1986

Mr. Sam McWilliams
Site Manager
Ethyl Petroleum Additives Division
Sauget, Illinois 62201

Dear Mr. McWilliams:

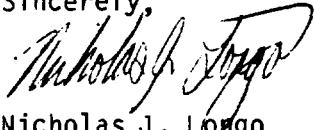
In response to your letter of December 16, 1985, the U.S. Environmental Protection Agency (U.S. EPA) will not release the area of the Sauget plant bounded by 1000N to 1100N and 285E to 330E from the significantly contaminated area. In the previous sampling at location 33 (1080N - 315E), duplicate samples were both above 1.0 ppb 2, 3, 7, 8 -TCDD. If Ethyl has reason to believe that the analyses were incorrect (besides the .5 ppb difference), this will affect the quality assurance/quality control of the entire analytical set and U.S. EPA should be informed immediately. U.S. EPA does not believe that the .5 ppb difference in the original duplicate soil samples at point 33 should invalidate the set of results.

The fact that Ethyl took another sample in this vicinity and found 2,3,7,8 TCDD at 0.18 ppb doesn't invalidate the previous findings. While 2,3,7,8 TCDD levels may not be uniformly distributed throughout soils in the area, the original findings at points 59 and 33 justify maintaining construction restraints in the area. As you know, this will not prevent construction but rather require adherence to previously agreed health and safety procedures.

Since analysis of samples taken along Track 23 confirm that it is not significantly contaminated, the length of the track from 1100N to the plant northern boundary is cleared from the significantly contaminated area.

If you have any questions, please call me at (312) 886-4746
or Tom Daggett at (312) 886-4245.

Sincerely,

A handwritten signature in black ink, appearing to read "Nicholas J. Longo". The signature is fluid and cursive, with the first name "Nicholas" being more prominent.

Nicholas J. Longo
Remedial Project Manager
Hazardous Waste Enforcement Branch

cc: Ken Mensing, IEPA Collinsville
Tom Daggett, ORC
Don Bruce